

IN THE CLAIMS:

Please amend claims 1-26, and add new claims 27-30, so that a complete set of the pending claims will read as follows:

1. (Currently Amended) A flash discharge lamp, comprising:
a glass tube with a light-transmitting wall, said tube having first and second ends and having an outer surface;
~~a pair of electrodes i.e. an anode and a cathode, oppositely~~ electrode
~~disposed in at both ends of the glass~~ the first end of the tube;
a cathode electrode disposed at the second end of the tube;
a an electro-conductive member is provided on the outer surface of the glass tube;
a triggering electrode mounted on ~~said~~ the cathode electrode and electrically connected to ~~said~~ the electro-conductive member; and
~~xenon gas sealed in said glass tube,~~
~~characterized in that said flash discharge lamp further includes at least one~~
~~High Temperature Resistant~~ a high temperature resistant electrode mounted on ~~said~~ the cathode ~~and at least one Getter electrode mounted on said cathode and/or said anode~~
~~electrode;~~
a getter electrode mounted on one of cathode and anode electrodes, the
getter electrode being spaced apart from the high temperature electrode; and
an inert gas sealed in the tube.
2. (Currently Amended) The flash discharge lamp according to claim 1,
~~wherein it further includes said High Temperature Resistant~~ further comprising another
high temperature resistant electrode affixed ~~on said~~ to the anode electrode.
3. (Currently Amended) The flash discharge lamp according to claim 1,
wherein the ~~said High Temperature Resistant electrode(s) is/are~~ high temperature resistant

electrode is positioned on the corresponding side of said between the anode electrode and the triggering electrode.

4. (Currently Amended) The flash discharge lamp according to claim 1, wherein ~~said Getter electrode(s) is/are positioned on the corresponding side of the said cathode~~ the triggering electrode is positioned between the electrode and the anode electrode.

5. (Currently Amended) The flash discharge lamp according to claim 1, wherein ~~said High Temperature Resistant electrode(s) is/are~~ the high temperature resistant electrode is made of Tantalum or Tantalum tantalum or tantalum alloy.

6. (Currently Amended) The flash discharge lamp according to claim 5, wherein ~~said~~ the tantalum alloy is tantalum-niobium-titanium, tantalum-niobium-zirconium, tantalum-vanadium-titanium, tantalum-vanadium-zirconium, tantalum-titanium or tantalum-zirconium alloy.

7. (Currently Amended) The flash discharge lamp according to claim 1, wherein ~~said High Temperature Resistant electrode(s) is/are~~ the high temperature resistant electrode is made of niobium or niobium alloy.

8. (Currently Amended) The flash discharge lamp according to claim 7, wherein ~~said~~ the niobium alloy is niobium-tantalum-titanium, niobium-tantalum-zirconium, niobium-vanadium-titanium, niobium-vanadium-zirconium, niobium-titanium or niobium-zirconium alloy.

9. (Currently Amended) The flash discharge lamp according to claim 1, wherein ~~said High Temperature Resistant electrode(s) is/are~~ the high temperature resistant electrode is made of vanadium or vanadium alloy.

10. (Currently Amended) The flash discharge lamp according to claim 9, wherein ~~said~~ the vanadium alloy is vanadium-niobium-titanium, vanadium-niobium-zirconium, vanadium-tantalum-titanium, vanadium-tantalum-zirconium, vanadium-titanium or vanadium-zirconium alloy.

11. (Currently Amended) The flash discharge lamp according to claim 1, wherein ~~said Getter electrode(s) is/are~~ the getter electrode is made of titanium or titanium alloy.

12. (Currently Amended) The flash discharge lamp according to claim 11, wherein ~~said~~ the titanium alloy is titanium-aluminum-cerium, barium, calcium, or cesium alloy.

13. (Currently Amended) The flash discharge lamp according to claim 1, wherein ~~said Getter electrode(s) is/are~~ the getter electrode is made of zirconium or zirconium alloy.

14. (Currently Amended) The flash discharge lamp according to claim 13, wherein ~~said~~ the zirconium alloy is zirconium-titanium-aluminum-cerium, barium, calcium, or cesium alloy.

15. (Currently Amended) The flash discharge lamp according to claim 2, wherein the ~~said High Temperature Resistant electrode(s) is/are positioned on the corresponding side of said~~ high temperature resistant electrode is between the anode electrode and the triggering electrode.

16. (Currently Amended) The flash discharge lamp according to claim 2, wherein ~~said Getter electrode(s) is/are positioned on the corresponding side of the said cathode~~ the triggering electrode is positioned between the getter electrode and the anode electrode.

17. (Currently Amended) The flash discharge lamp according to claim 2, wherein ~~said High Temperature Resistant electrode(s) is/are~~ the high temperature resistant electrode is made of ~~Tantalum or Tantalum~~ tantalum or tantalum alloy.

18. (Currently Amended) The flash discharge lamp according to claim 17, wherein ~~said~~ the tantalum alloy is tantalum-niobium-titanium, tantalum-niobium-zirconium, tantalum-vanadium-titanium, tantalum-vanadium-zirconium, tantalum-titanium or tantalum-zirconium alloy.

19. (Currently Amended) The flash discharge lamp according to claim 2, wherein ~~said High Temperature Resistant electrode(s) is/are~~ the high temperature resistant electrode is made of niobium or niobium alloy.

20. (Currently Amended) The flash discharge lamp according to claim 19, wherein ~~said~~ the niobium alloy is niobium-tantalum-titanium, niobium-tantalum-zirconium, niobium-vanadium-titanium, niobium-vanadium-zirconium, niobium-titanium or niobium-zirconium alloy.

21. (Currently Amended) The flash discharge lamp according to claim 2, wherein ~~said High Temperature Resistant electrode(s) is/are~~ the high temperature resistant electrode is made of vanadium or vanadium alloy.

22. (Currently Amended) The flash discharge lamp according to claim 21, wherein ~~said~~ the vanadium alloy is vanadium-niobium-titanium, vanadium-niobium-zirconium, vanadium-tantalum-titanium, vanadium-tantalum-zirconium, vanadium-titanium or vanadium-zirconium alloy.

23. (Currently Amended) The flash discharge lamp according to claim 2, wherein ~~said Getter electrode(s) is/are~~ the getter electrode is made of titanium or titanium alloy.

24. (Currently Amended) The flash discharge lamp according to claim 23, wherein ~~said~~ the titanium alloy is titanium-aluminum-cerium, barium, calcium, or cesium alloy.

25. (Currently Amended) The flash discharge lamp according to claim 2, wherein ~~said Getter electrode(s) is/are~~ the getter electrode is made of zirconium or zirconium alloy.

26. (Currently Amended) The flash discharge lamp according to claim 25, wherein ~~said~~ the zirconium alloy is zirconium-titanium-aluminum-cerium, barium, calcium, or cesium alloy.

27. (New) The flash discharge lamp according to claim 1, wherein the tube is a glass tube.

28. (New) The flash discharge lamp according to claim 1, wherein the getter electrode is mounted on the cathode electrode.

29. (New) The flash discharge lamp according to claim 28, further comprising another getter electrode that is mounted on the anode electrode.

30. (New) The flash discharge lamp according to claim 1, wherein the inert gas is xenon.